



Express Mail Number: EV301024806US

Docket No. B-3915 617817-8

Date: January 23, 2004

62304
17236
MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EV301024806US

Sir:

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): David M. PEPPER

NOTE: Patent must be applied for in the name of all
of the actual inventor or inventors.

For: "TERAHERTZ MODULATION SPECTROMETER"

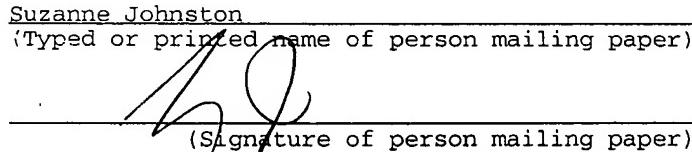
Enclosed are:

1. The Papers Required For Filing Date Under 37 CFR 1.53(b): 14 Pages of specification 1 Page of abstract 6 Pages of claims 5 Sheets of drawings formal informal
(Figs. 1, 2A-2C, 3, 4A-4B, 5, 6A-6C, 7-9) In addition to the above papers there is also attached [] ___ Pages of a Preliminary Amendment dated ___ Postcard Check for filing fee in the amount of \$1,402.00 Declaration/Power of Attorney (4 pages) Verified Statement Claiming Small Entity Status--
Small-Business Concern (1 page) Cross-Reference To Related Application(s) (1 page) Claim to Priority (1 page) with Certified Copy of Application No. Information Disclosure Statement (2 pages) and
Form PTO-1449 (modified) (1 page) with copy of non-patent
document cited in Form PTO-1449 (modified) Assignment Cover Sheet (1 page), Assignment document (2 pages),
and Check for \$40.00CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this paper and the documents referred to as enclosed
therein are being deposited with the United States Postal Service in an Express
Mail envelope with sufficient postage for Express Mailing on this date January
23, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label
Number EV301024806US addressed to the:

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Suzanne Johnston
(Typed or printed name of person mailing paper)


(Signature of person mailing paper)

NOTE: Each paper or fee referred to as enclosed herein
has the number of the "Express Mail" mailing label
placed thereon prior to mailing. 37 CFR 1.10(b).

031356 U.S.P.T.O.
10/764036

BEST AVAILABLE COPY

[X] Enclosed

[X] original [] facsimile

executed by:

[X] inventor(s)

[] legal representative of inventor(s) 37 CFR 1.42 or 1.43

[] joint inventor or person showing a proprietary interest
on behalf of inventor who refused to sign or cannot be
reached. 37 CFR 1.47.

[] petition and statement required by 37 CFR 1.47
also attached. See item 7 below for fee.

[] Not Enclosed

[] Application is made by a person authorized under 37 CFR
1.41(c) on behalf of all of the above named inventor(s). The
declaration or oath, along with the surcharge required by 37
CFR 1.16(e) can be filed subsequently.

[] Showing that the filing is authorized. (Not required
unless called into question. 37 CFR 1.41(d)).

NOTE: Where the filing is a completion in the U.S. of an international
application under 35 U.S.C. 371(c)(4) then the declaration must
be filed.

3. Assignment

[X] An assignment of the invention to HRL Laboratories, LLC
(with separate cover sheet and separate check for \$40.00)

4. Certified Copies

[] A Certified copy of Application No.
from which priority is claimed.

NOTE: Must be referred to in oath or declaration. 37 CFR 1.55 and 163.

5. Fee Calculation

CLAIMS	AS FILED		
Number Filed	Number Extra	Rate	Basic Fee \$ 770.00
Total Claims 36 -20=	16 x	\$ 18.00	288.00
Independent Claims 7 -3=	4 x	\$ 86.00	344.00
Multiple Dependent Claim(s), If Any	0 x	\$290.00	0

[] Amendment canceling extra claims enclosed

[] Amendment deleting multiple dependencies enclosed

[] Fee for extra claims is not being paid at this time

NOTE: If the fee for extra claims are not paid on filing they must be
paid or the claims canceled by amendment, prior to the expiration of the
time period set for response by the Patent and Trademark Office in any
notice of fee deficiency, 37 CFR 1.16(d).

Filing Fee Calculation \$ 1,402.00

Applicants claim small entity status

Filing Fee Calculation (50% of above) \$ _____

7. Fee Payment Being Made At This Time

Not Enclosed

No filing fee is submitted. This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.

NOTE: Where the filing is a completion in the U.S. of an international application the fee must be paid.

Enclosed

filing fee \$ 1,402.00

recording assignment
(\$40.00; 37 CFR 1.21(h)(i)) \$ _____

petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached.
37 CFR 1.47 and 1.17 (h) \$ _____

Total fees enclosed \$ 1,402.00

8. Method of Payment of Fees

check in the amount of \$ 1,402.00

charge account No. 12-0415 in the amount of \$ _____
A duplicate of this transmittal is attached.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 CFR 1.22(b).

9. Authorization to Charge Additional fees

The Commissioner is hereby authorized to charge the following additional fees which may be required to Account No. 12-0415:

37 CFR 1.16 (filing fees and presentation of extra claims)

37 CFR 1.17 (application processing fees)

37 CFR 1.18 (issue fee at or before Mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application...prior to paying... issue fee".

10. Instructions As To Overpayment

Credit Account No. 12-0415 [] refund

c/o LADAS & PARRY
5670 Wilshire Boulevard
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Los Angeles, California 90036-5679

Telephone: (323) 934-2300
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